

Converting Colors

XYZ(33.8647, 33.7644, 29.7688)

Have a look what the booklet for
XYZ(33.8647, 33.7644, 29.7688)
contains.

XYZ(33.8781, 33.8195, 29.9416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.8781, 33.8195,
29.9416)**

Conversions

Conversions Part 1

Format	Color
Hex	AF998D
RGB	175, 153, 141
RGB Percent	69%, 60%, 55%
CMY	0.3137, 0.4000, 0.4471
CMYK	0.00, 0.13, 0.19, 0.31
HSL	21°, 18%, 62%
HSV	21°, 19%, 69%
XYZ	33.8781, 33.8195, 29.9416
YIQ	158.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

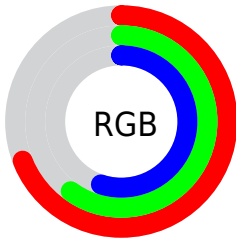
Format	Color
RYB	175, 160, 141
Decimal	11508109
CIELab	64.82, 6.15, 9.29
CIELCh	65, 11.140, 56.469
Yxy	33.8195, 0.3470, 0.3464
Android (android.graphics.Color)	4289698189 (0xFFAF998D)
YUV	158.2100, -8.4845, 14.7248
Hunter-Lab	58.1545, 2.2153, 10.1820

Details

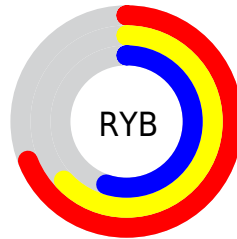
The XYZ color **33.8781, 33.8195, 29.9416** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8193, 34.9513, 45.6268**, and the grayscale version is **32.6273, 34.3265, 37.3816**.

A 20% lighter version of the original color is **65.1181, 65.5547, 60.8510**, and **14.6657, 14.3956, 11.9032** is the 20% darker color. If you saturate the color by 10%, you get **30.9117, 29.8083, 23.0282**, and if you desaturate by 10%, it is **37.2280, 38.2677, 37.9988**.

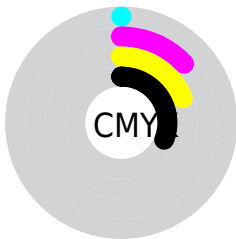
Distribution



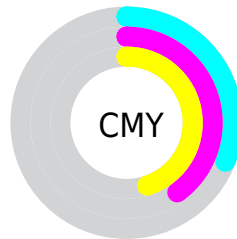
- Red (69%)
- Green (60%)
- Blue (55%)



- Red (69%)
- Yellow (63%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (19%)
- Black (31%)




- Cyan (31%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8781, 33.8195, 29.9416 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 33.8781, 33.8195, 29.9416 by changing the saturation by 10% instead.

 33.8781, 33.8195,
29.9416


 33.8781, 33.8195,
29.9416


311.1837,
319.3265, 315.8310


 22.9624, 22.7550,
19.5426

 65.0896, 65.6529,
60.6297

 14.6863, 14.4127,
11.8822

 86.1161, 87.1905,
81.7559

 8.6844, 8.4082,
6.5420


 111.2437,
112.9880, 107.2949

 4.5914, 4.3573,
3.1033

140.8375,
143.4297, 137.6653

 2.0418, 1.8754,
1.1476

175.2631,
178.9000, 173.2855

 0.6573, 0.5335,
0.0000

214.8858,

 0.0000, 0.0000,

219.7833, 214.5742

0.0000

260.0708,
266.4640, 261.9498

■ 33.8781, 33.8195,
29.9416

■ 33.8781, 33.8195,
29.9416

■ 30.9117, 29.8083,
23.0282

■ 37.2280, 38.2677,
37.9988

■ 28.3116, 26.2161,
17.2040

■ 40.9722, 43.1614,
47.2465

■ 26.0630, 23.0299,
12.4133

■ 45.1248, 48.5144,
57.7317

■ 24.1494, 20.2346,
8.5943

■ 49.6980, 54.3387,
69.4980

■ 22.5525, 17.8138,
5.6787

■ 54.7037, 60.6457,
82.5869

■ 21.2520, 15.7500,
3.5891

■ 60.1533, 67.4464,
97.0380

■ 20.2248, 14.0239,
2.2349

■ 64.6581, 74.1918,
105.5203

■ 19.4309, 12.6084,
1.4383

■ 67.9532, 80.7819,
106.6187

■ 19.3901, 12.5357,
1.3977

■ 71.4574, 87.7902,
107.7867

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.9847, 33.8195, 33.0260



33.8781, 33.8195, 29.9416



32.3347, 33.8195, 28.6936

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.8781, 33.8195, 29.9416



29.1638, 33.8195, 36.2824



33.5385, 33.8195, 45.3087

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33.8781, 33.8195, 29.9416



31.8193, 34.9513, 45.6268

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



31.9549, 33.8195, 46.3604



33.8781, 33.8195, 29.9416



29.4622, 33.8195, 40.9019

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.8781, 33.8195, 29.9416



29.6418, 33.8195, 32.1575



30.4709, 33.8195, 44.6869



34.7841, 33.8195, 41.9207

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.8781, 33.8195, 29.9416



31.2781, 33.8195, 28.9872



30.4709, 33.8195, 44.6869



33.0266, 33.8195, 45.9587

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.8790, 33.8210, 29.9423



68.8232, 71.3595, 73.3190



33.8242, 30.8121, 38.8622



15.2043, 15.7392, 16.0687



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.8790, 33.8210, 29.9423



58.4860, 57.6277, 48.4703



36.8431, 39.7492, 30.9303



8.2279, 8.4607, 8.4128



13.9390, 9.0836, 1.0186



0.4401, 0.3575, 0.0458

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.8193, 34.9513, 45.6268



54.1650, 59.9951, 81.3623



29.0171, 29.3470, 44.6927



7.9948, 8.5890, 10.1892



9.8470, 10.8279, 30.6155



0.3228, 0.3990, 0.8680

Previews

White Background



This preview shows how the XYZ color 33.8781, 33.8195, 29.9416 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 33.8781, 33.8195, 29.9416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

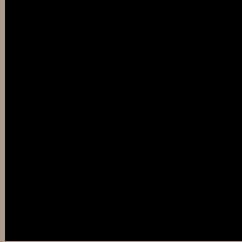
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.8781, 33.8195, 29.9416

Background



This preview shows how black text looks on a background with the XYZ color 33.8781, 33.8195, 29.9416.



This preview shows how white text looks on a background with the XYZ color 33.8781, 33.8195,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.8781, 33.8195, 29.9416

Protanopia

32.3247, 33.9896, 30.8436

Deuteranopia

34.3961, 33.8445, 29.9191



Tritanopia

35.7880, 33.8863, 38.8369

Trichromacy



Original Color

33.8781, 33.8195, 29.9416

Protanomaly

32.9194, 34.0548, 30.4294

Deuteranomaly

34.1674, 33.7267, 29.9084

Tritanomaly

35.0308, 33.8134, 35.2522

Monochromacy



Original Color

33.8781, 33.8195, 29.9416

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.8658, 33.9364, 34.5239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8781, 33.8195, 29.9416 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(175, 153, 141)` looks like.

```
.text, #text, p{  
    color:rgb(175, 153, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(175, 153, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 153, 141) }
```

Border

The CSS property to change the border of an element to XYZ 33.8781, 33.8195, 29.9416 is called "border". The border property can be set on classes, ids or directly on the HTML element.

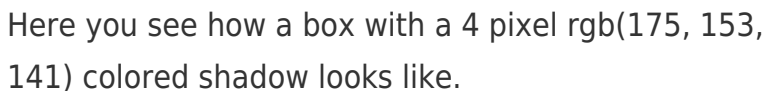
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 153, 141) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(175, 153, 141) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(175, 153, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 153, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 153, 141); box-shadow:4px 4px 4px 4px rgb(175, 153, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8781, 33.8195, 29.9416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 153, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(175,  
153, 141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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